

06/10/99

M.BORIN

Page 1

(FILE 'HOME' ENTERED AT 15:02:31 ON 11 JUN 1999)

FILE 'REGISTRY' ENTERED AT 15:03:10 ON 11 JUN 1999

L1 0 S MLYF/SQEP
L2 9 S MLFF/SQEP
L3 1 S MLFY/SQEP

=> d l2 sqd,bib 1-9

L2 ANSWER 1 OF 9 REGISTRY COPYRIGHT 1999 ACS
RN 210473-24-8 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 4
NTE modified

type	location	description
modification	-	undetermined modification
modification	Met-1	(1,1-dimethylethoxy) carbonyl<Boc>

SEQ 1 MLFF
====
HITS AT: 1-4

REFERENCE 1

AN 129:136488 CA
TI New fMLF-OMe analogs containing constrained mimics of phenylalanine residue
AU Torrini, Ines; Mastropietro, Gaia; Pagani Zecchini, Giampiero; Paglialunga Paradisi, Mario; Lucente, Gino; Spisani, Susanna
CS Dipartimento Studi Farmaceutici, Univ. La Sapienza, Rome, I-00185, Italy
SO Arch. Pharm. (Weinheim, Ger.) (1998), 331(5), 170-176
CODEN: ARPMAS; ISSN: 0365-6233
PB Wiley-VCH Verlag GmbH
DT Journal
LA English

L2 ANSWER 2 OF 9 REGISTRY COPYRIGHT 1999 ACS
RN 210473-08-8 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 4
NTE modified

type	location	description
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09/189130

terminal mod. Met-1 - N-formyl
modification - - undetermined modification

SEQ 1 MLFF

====

HITS AT: 1-4

REFERENCE 1

AN 129:136488 CA
TI New fMLF-OMe analogs containing constrained mimics of phenylalanine residue
AU Torrini, Ines; Mastropietro, Gaia; Pagani Zecchini, Giampiero; Paglialunga Paradisi, Mario; Lucente, Gino; Spisani, Susanna
CS Dipartimento Studi Farmaceutici, Univ. La Sapienza, Rome, I-00185, Italy
SO Arch. Pharm. (Weinheim, Ger.) (1998), 331(5), 170-176
CODEN: ARPMAS; ISSN: 0365-6233
PB Wiley-VCH Verlag GmbH
DT Journal
LA English

L2 ANSWER 3 OF 9 REGISTRY COPYRIGHT 1999 ACS
RN 209863-23-0 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 14,10,4
NTE multichain
modified (modifications unspecified)

type	location	description
bridge	Lys-5 - Phe-4'	amide bridge
stereo	Ala-6 -	D

SEQ 1 MLFFKAHGEC

====

HITS AT: 1-4

SEQ 1 MLFF

====

HITS AT: 1-4

REFERENCE 1

AN 129:106050 CA
TI Polyvalent peptide pharmaceutical applications
IN Rhodes, Buck A.; Zamora, Paul O.; Freer, Richard J.; Sharma, Shubh D.
PA Rhomed Inc., USA
SO U.S., 21 pp. Cont.-in-part of U. S. 5,700,444.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 12

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5759515	A	19980602	US 94-269929	19940630
	US 5078985	A	19920107	US 89-391474	19890809
	US 5102990	A	19920407	US 90-565275	19900808
	US 5443816	A	19950822	US 92-840077	19920220
	US 5277893	A	19940111	US 92-864470	19920406
	US 5700444	A	19971223	US 93-87219	19930702
	WO 9501188	A1	19950112	WO 94-US7462	19940701

09/189130

W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU,
 JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL,
 PT, RO, RU, SD, SE, SK, TJ, UA, UZ, VN
 RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
 BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

AU 9472169 A1 19950124 AU 94-72169 19940701
 US 35500 E 19970506 US 95-389269 19950216

PRAI US 89-391474 19890809
 US 90-565275 19900808
 US 92-840077 19920220
 US 93-87219 19930702
 US 94-269929 19940630
 WO 94-US7462 19940701

L2 ANSWER 4 OF 9 REGISTRY COPYRIGHT 1999 ACS
 RN 163074-05-3 REGISTRY
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 14,10,4
 NTE multichain
 modified

type	location	description
terminal mod.	Met-1 -	N-formyl
terminal mod.	Met-1' -	N-formyl
bridge	Lys-5 - Phe-4'	amide bridge
stereo	Ala-6 -	D

SEQ 1 MLFFKAHGGC

HITS AT: 1-4

SEQ 1 MLFF

HITS AT: 1-4

REFERENCE 1

AN 122:299070 CA
 TI Polyvalent peptides and pharmaceutical applications
 IN Rhodes, Buck A.; Zamora, Paul O.; Freer, Richard J.; Sharma, Shubh D.
 PA Rhomed Inc., USA
 SO PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 12

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9501188	A1	19950112	WO 94-US7462	19940701
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, TJ, UA, UZ, VN RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5700444	A	19971223	US 93-87219	19930702
US 5759515	A	19980602	US 94-269929	19940630
AU 9472169	A1	19950124	AU 94-72169	19940701
PRAI US 93-87219		19930702		
US 94-269929		19940630		
US 89-391474		19890809		
US 90-565275		19900808		

L2 ANSWER 5 OF 9 REGISTRY COPYRIGHT 1999 ACS
RN 146504-28-1 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 4
NTE modified

type	location	description
terminal mod.	Met-1	N-formyl
modification	-	undetermined modification

SEQ 1 MLFF
====
HITS AT: 1-4

REFERENCE 1

AN 123:33632 CA
TI Internal .beta.-Turn Hydration: Crystallographic Evidence and Molecular Dynamics Simulation
AU Di Nola, Alfredo; Gavuzzo, Enrico; Mazza, Fernando; Pochetti, Giorgio; Roccatano, Danilo
CS Dipartimento di Chimica, Universita La Sapienza, Rome, 00185, Italy
SO J. Phys. Chem. (1995), 99(23), 9625-31
CODEN: JPCHAX; ISSN: 0022-3654
DT Journal
LA English

REFERENCE 2

AN 118:148047 CA
TI Water induced .beta.-turn modification in a chemotactic tetrapeptide. Synthesis, crystal conformation, and activity of HCO-Met-Leu-.DELTA.ZPhe-Phe-OME
AU Torrini, Ines; Pagani Zeechini, Giampiero; Paglialunga Paradisi, Mario; Lucente, Gino; Gavuzzo, Enrico; Mazza, Fernando; Pochetti, Giorgio; Spisani, Susanna
CS Dip. Studi Farm., Univ. "La Sapienza", Rome, 00185, Italy
SO Tetrahedron (1992), 49(2), 489-96
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English

L2 ANSWER 6 OF 9 REGISTRY COPYRIGHT 1999 ACS
RN 146474-48-8 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 4
NTE modified

type	location	description
terminal mod.	Met-1	N-formyl

SEQ 1 MLFF
====
HITS AT: 1-4

REFERENCE 1

AN 124:344071 CA
TI The role of (Z)-2,3-didehydrophenylalanine and phenylalanine C-terminal
residues in determining the chemotactic activity of formylpeptides
AU Torrini, Ines; Zecchini, Giapiero Pagani; Paradisi, Mario Paglialunga;
Spisani, Susanna
CS Dep. Studi Farmaceutici, Univ. "La Sapienza", Rome, 00185, Italy
SO Arch. Pharm. (Weinheim, Ger.) (1996), 329(3), 143-8
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA English

REFERENCE 2

AN 123:33632 CA
TI Internal .beta.-Turn Hydration: Crystallographic Evidence and Molecular
Dynamics Simulation
AU Di Nola, Alfredo; Gavuzzo, Enrico; Mazza, Fernando; Pochetti, Giorgio;
Roccatano, Danilo
CS Dipartimento di Chimica, Universita La Sapienza, Rome, 00185, Italy
SO J. Phys. Chem. (1995), 99(23), 9625-31
CODEN: JPCHAX; ISSN: 0022-3654
DT Journal
LA English

REFERENCE 3

AN 118:148047 CA
TI Water induced .beta.-turn modification in a chemotactic tetrapeptide.
Synthesis, crystal conformation, and activity of HCO-Met-Leu-.DELTA.ZPhe-
Phe-OMe
AU Torrini, Ines; Pagani Zeechini, Giampiero; Paglialunga Paradisi, Mario;
Lucente, Gino; Gavuzzo, Enrico; Mazza, Fernando; Pochetti, Giorgio;
Spisani, Susanna
CS Dip. Studi Farm., Univ. "La Sapienza", Rome, 00185, Italy
SO Tetrahedron (1992), 49(2), 489-96
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English

L2 ANSWER 7 OF 9 REGISTRY COPYRIGHT 1999 ACS
RN 146474-47-7 REGISTRY
FS PROTEIN SEQUENCE
SQL 4
NTE modified

type	location	description
modification	Met-1	(1,1-dimethylethoxy) carbonyl<Boc>

SEQ 1 MLFF

====

HITS AT: 1-4

REFERENCE 1

AN 118:148047 CA
TI Water induced .beta.-turn modification in a chemotactic tetrapeptide.
Synthesis, crystal conformation, and activity of HCO-Met-Leu-.DELTA.ZPhe-
Phe-OMe
AU Torrini, Ines; Pagani Zeechini, Giampiero; Paglialunga Paradisi, Mario;
Lucente, Gino; Gavuzzo, Enrico; Mazza, Fernando; Pochetti, Giorgio;

Spisani, Susanna
CS Dip. Studi Farm., Univ. "La Sapienza", Rome, 00185, Italy
SO Tetrahedron (1992), 49(2), 489-96
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English

L2 ANSWER 8 OF 9 REGISTRY COPYRIGHT 1999 ACS
RN 80180-64-9 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 4
NTE modified

type	location	description
terminal mod.	Met-1 -	N-formyl

SEQ 1 MLFF
====
HITS AT: 1-4

REFERENCE 1

AN 96:50487 CA
TI Formyl peptide chemoattractants: a model of the receptor on rabbit neutrophils
AU Freer, Richard J.; Day, Alan R.; Muthukumaraswamy, Natesa; Pinon, Delia; Wu, Arthur; Showell, Henry J.; Becker, Elmer L.
CS Dep. Pharmacol., Med. Coll. Virginia, Richmond, VA, 23298, USA
SO Biochemistry (1982), 21(2), 257-63
CODEN: BICHAW; ISSN: 0006-2960
DT Journal
LA English

L2 ANSWER 9 OF 9 REGISTRY COPYRIGHT 1999 ACS
RN 80180-63-8 REGISTRY
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 4
NTE modified

type	location	description
terminal mod.	Met-1 -	N-formyl

SEQ 1 MLFF
====
HITS AT: 1-4

REFERENCE 1

AN 124:139417 CA
TI Hydrolysis of N-formylmethionyl chemotactic peptides by endopeptidase 24.11 and endopeptidase 24.15
AU Lesser, Marvin; Fung, Karen; Almenoff, Peter L.; Rosenbaum, Carol; Cardozo, Christopher
CS Pulmonary Section, Bronx Veterans Affairs Medical Center, Bronx, NY, 10468, USA
SO Peptides (Tarrytown, N. Y.) (1996), 17(1), 13-16
CODEN: PPTDD5; ISSN: 0196-9781
DT Journal
LA English

REFERENCE 2

AN 123:309749 CA
 TI Detection of bioactive oligopeptides after microbore HPLC with electrochemical detection of their Cu(II) complexes: effect of operating parameters on sensitivity and selectivity
 AU Chen, Jian-Ge; Weber, Stephen G.
 CS Dep. Chem., Univ. Pittsburgh, Pittsburgh, PA, 15260, USA
 SO Anal. Chem. (1995), 67(19), 3596-604
 CODEN: ANCHAM; ISSN: 0003-2700
 DT Journal
 LA English

REFERENCE 3

AN 122:312532 CA
 TI H-2M3a violates the paradigm for major histocompatibility complex class I peptide binding
 AU Vyas, Jatin M.; Rodgers, John R.; Rich, Robert R.
 CS Departments Microbiology Immunology, Baylor College Medicine, Houston, TX, 77030, USA
 SO J. Exp. Med. (1995), 181(5), 1817-25
 CODEN: JEMEAV; ISSN: 0022-1007
 DT Journal
 LA English

REFERENCE 4

AN 118:20894 CA
 TI Covalent crosslinking of radiolabeled N-formylated hexapeptide to its specific receptor on rat and human neutrophils: evidence for a ligand-induced complex formation
 AU Remes, Jari; Keinänen, Kari; Petaja-Repo, Ulla
 CS Biocent., Univ. Oulu, Oulu, SF-90220, Finland
 SO J. Recept. Res. (1992), 12(4), 507-27
 CODEN: JRERDM; ISSN: 0197-5110
 DT Journal
 LA English

REFERENCE 5

AN 115:90521 CA
 TI The significance of functional receptor heterogeneity in the biological responses of the rabbit neutrophil to stimulation by chemotactic formyl peptides
 AU Kermode, John C.; Freer, Richard J.; Becker, Elmer L.
 CS Health Cent., Univ. Connecticut, Farmington, CT, 06032, USA
 SO Biochem. J. (1991), 276(3), 715-23
 CODEN: BIJOAK; ISSN: 0306-3275
 DT Journal
 LA English

REFERENCE 6

AN 114:162246 CA
 TI Migration of dog polymorphonuclear neutrophilic leukocytes to formylated peptides
 AU Linnekin, Diana; Bowles, Charles A.; Murano, Genesio; MacVittie, Thomas J.
 CS Dep. Physiol., Uniformed Serv. Univ. Health Sci., Bethesda, MD, USA
 SO Inflammation (N. Y.) (1990), 14(6), 691-703
 CODEN: INFLD4; ISSN: 0360-3997
 DT Journal

LA English

REFERENCE 7

AN 113:113632 CA
TI Comparison of stimulation by chemotactic formyl peptide analogs between GTPase activity in neutrophil plasma membranes and granule enzyme release from intact neutrophils
AU Kanaho, Yasunori; Kermode, John C.; Becker, Elmer L.
CS Health Cent., Univ. Connecticut, Farmington, CT, USA
SO J. Leukocyte Biol. (1990), 47(5), 420-8
CODEN: JLBIE7; ISSN: 0741-5400
DT Journal
LA English

REFERENCE 8

AN 109:21466 CA
TI Characteristics of binding of a potent chemotactic formyl tetrapeptide, formylmethionyl-leucyl-phenylalanyl-phenylalanine, to the receptors on rabbit neutrophils
AU Kermode, John C.; Muthukumaraswamy, Natesa; Freer, Richard J.
CS Health Cent., Univ. Connecticut, Farmington, CT, USA
SO J. Leukocyte Biol. (1988), 43(5), 420-8
CODEN: JLBIE7; ISSN: 0741-5400
DT Journal
LA English

REFERENCE 9

AN 105:206659 CA
TI Evidence for the presence of specific receptors for N-formyl chemotactic peptides on human spermatozoa
AU Gnassi, Lucio; Fabbri, Andrea; Silvestroni, Leopoldo; Moretti, Costanzo; Fraioli, Franco; Pert, Candace B.; Isidori, Aldo
CS Policlin. Umberto I, Univ. La Sapienza, Rome, 00161, Italy
SO J. Clin. Endocrinol. Metab. (1986), 63(4), 841-6
CODEN: JCEMAZ; ISSN: 0021-972X
DT Journal
LA English

REFERENCE 10

AN 104:17324 CA
TI Demonstration of receptor-mediated chemotaxis by human spermatozoa. A novel quantitative bioassay
AU Gnassi, Lucio; Ruff, Michael R.; Fraioli, Franco; Pert, Candace B.
CS Sect. Brain Biochem., Natl. Inst. Ment. Health, Bethesda, MD, 20205, USA
SO Exp. Cell Res. (1985), 161(1), 219-30
CODEN: ECREAL; ISSN: 0014-4827
DT Journal
LA English

=> d 110 sqd, bib

L10 NOT FOUND

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> d 13 sqd, bib

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 1999 ACS
RN 158724-27-7 REGIS
FS PROTEIN SEQUENCE; SEEREOSEARCH
SQL 4
NTE modified

type	location	description
terminal mod.	Met-1	N-formyl

SEQ 1 MLFY

HITS AT: 1-4

REFERENCE 1

AN 121:272065 CA
TI Specific targeting of antisense oligonucleotides to neutrophils
AU Chow, Terry Y.-K.; Juby, Carol; Brousseau, Roland
CS Department Oncology, McGill University, Montreal, H3G 1A4, Can.
SO Antisense Res. Dev. (1994), 4(2), 81-6
CODEN: AREDEI; ISSN: 1050-5261
DT Journal
LA English

=> s mlwy/sqep

0 MLWY/SQEP
42957 SQL=4
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(MLWY/SQEP AND SQL=4)

=> s mlfw/sqep

0 MLFW/SQEP
42957 SQL=4
L5 0 MLFW/SQEP
(MLFW/SQEP AND SQL=4)

=> s mlwf/sqep

0 MLWF/SQEP
42957 SQL=4
L6 0 MLWF/SQEP
(MLWF/SQEP AND SQL=4)

=> s mlyw/sqep

0 MLYW/SQEP
42957 SQL=4
L7 0 MLYW/SQEP
(MLYW/SQEP AND SQL=4)

=> d his

(FILE 'HOME' ENTERED AT 15:02:31 ON 11 JUN 1999)

FILE 'REGISTRY' ENTERED AT 15:03:10 ON 11 JUN 1999

L1 0 S MLYF/SQEP
L2 9 S MLFF/SQEP
L3 1 S MLFY/SQEP

09/189130

L4
L5
L6

0 S MLWY/SQEP
0 S MLFW/OP
0 S MLWF/SLP

09/189130

06/10/99

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Page 1

FILE 'REGISTRY' ENTERED AT 15:03:10 ON 11 JUN 1999

L1	0 S MLYF/SQEP
L2	9 S MLFF/SQEP
L3	1 S MLFY/SQEP
L4	0 S MLWY/SQEP
L5	0 S MLFW/SQEP
L6	0 S MLWF/SQEP

09/189130